



Overview

systems.

Usually involves bringing in an independent engineering firm dur

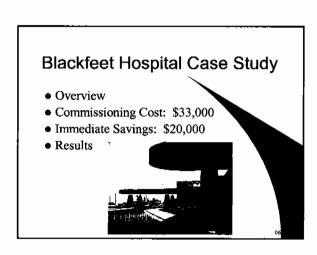
design phase through final construc

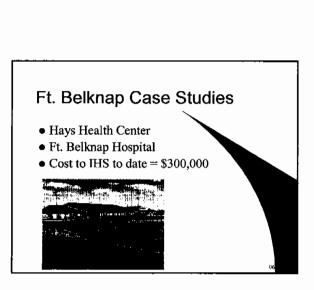
Design Phase – Extremely important to

inspect the mechanical and electrical

Construction Phase – Functionally test are

have well written specifications.





LESSONS LEARNED

- A B C Teams
- Subcontractors do not talk to each er
- · Controls are a large part of Commiss
- We end up paying large amounts of moto correct deficiencies after everyone gos home.

Summary

- Devils in the Details
- Pay now or Pay later



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Commissioning Resources

- http://www.CtrlSpecBuilder.com
- Model Commissioning Plan and Guide Commissioning Specifications, USDOEA 800-553-6847 http://www.peci.org
- State of Montana http://www.deq.state.mt.us/energy/buildings/in x.asp
- State of Florida http://edesign.state.fl.us
- GSA Providers http://www.gsaadvantage.gov